10/18/2018

| Supplier | Acier Ouellette Inc. | Acier Ouellette Inc. | Acier Ouellette Inc. | Acier Ouellette Inc. | Acier Ouellette Inc. |
|---|---|---|---|--|--|
| Total | \$237.30 | 8196.14 | \$68.41 | \$418.33 | \$215.32 Acier Ouell Inc. |
| Past | | | | | |
| Aging Days | 0 | 0 | 0 | 0 | 0 |
| Price/Unit Aging Past Days | 10/18/2018 \$ 39.55 / ft | \$ 16.35 / ft | \$1.72/ft | \$ 34.86 / 11 | \$5.41/It |
| Receive | 10/18/2018 | 10/18/2018 | 10/18/2018 | 10/18/2018 | 10/18/2018 |
| Status | Stock | Stock | Stock | Stock | Stock |
| Container | S119660 | S119661 | S119662 | S119663 | \$119664 |
| Received Accounting Container Quantity Job No No | | | | | v/ |
| Received A | © | 12 | 40 | 12 | 40 |
| Due Date | 10/18/2018 | | | | |
| Order Qty | φ | 12 | 36 | 12 | 36 |
| Equipment Order ID Qty | | | | | |
| Part Project No | | - | | | |
| Part | | | | | |
| Description | 6061 Round Bar 3.50: MATERIAL: 6061- T6f7651/T6510/T651/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS-QA-A-225/8 OR AMS-QA-A-225/8 OR AMS-QA-A-226/8 OR AA-200/8 OR AMS-QQ-A-200/8 OR AMS-4160 OR ASTM B221 OR ASTM B221 roceive it | 6061-T6 Round Bar 2.250"": MATERIAL: 6061- T16/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS-QQ-A-226/8 OR AMS-QQ-A-226/8 OR AA-200/8 OR AMS-4160 OR ASTM B221 OR ASTM B221 receive ft | 304 Round Bar 0.4375: MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft | M6061T6B1.000X8.000 6061T6 Bar 1.000 X 8.000 : MATERIAL: 6061- T6/T661/T651/T651/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS-QQ- A-225/8 OR AMS-QQ- QQ-A-200/8 OR AMS-QQ- QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS-416 OR ASTIM B211 OR ASTIM B221 receive th | 303 Round Bar 0,750: MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM AS82 NOTE:304/316 NOT ACCEPTABLE receive ft |
| Purchased Item | M6061T6R3.500 | M6061T6R2.250 | M304R0.4375 | M6061T6B1.000X8.000 | M303R0.750 |
| Supplier Item No No No | 1 Net 30 | | | | < |
| S S | - | 2 | m | LC . | 9 |
| ier ftem No | DA- | | | | |
| Suppl | ACI001- | | | | |
| PO No | P0041326 ACI001-VC | | * | | |

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| ging Past Total Supplier ays Due | 0 \$422.04 Acier Ouellette Inc. | 000 |
|---|---|--------|
| Received Accounting Container Status Receive Price/Unit Aging Past Quantity Job No No No Date Date Days Due | 0/18/2018 \$ 3.30 / sf | |
| status Dar | Stock 10/18/ | |
| Container S | S119665 | |
| Accounting Job No | | |
| Received Quantity | 128 | 238 |
| Due | | |
| Order | 128 | 230 |
| Equipment Order ID Qty | | Total: |
| For Part Project No | | |
| Description | 6061-T6 .063 Sheet: MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-402-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf | |
| PO No Supplier Item No Terms Purchased Item | M6061T6S.063 | |
| Terms | | |
| Rel No | _ | |
| Supplier Ite | | |
| PO No | | |

Print

10/18/2018

Plex 10/18/2018 4:05 PM dart. Tollis, Andrew



Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

PURCHASE ORDER PO041326

Tel (613) 632-5200

ACI001-VC Supplier:

Acier Ouellette Inc. 935 Boul. Du Havre

Valleyfield

QC

J6S 5L1 Canada Phone: 800 667 4248

Fax: 450 377 5696

PO No:

PO041326

PO Date:

10/11/18

Due Date:

10/18/18

Purchase Order Revision:

Revision Date: Ship-To Contact:

Lavoie, ChantalPhone:

clavoie@dartaero.com

Ship To: 1270 Aberdeen Street

Hawkesbury

ON

K6A 1K7 Canada

Phone: 613-632-5200

Ground Net 30

Pymt Terms: Freight Terms:

Via:

Special Comments: quote no. sou0137585

skid charge extra 40.00\$

skid extra 40.0

| | | | | | Item | S | | | | | | |
|--------------|-----|---------------|---------------------|---|--------|---------|-------------|-------------------|----------------------|-------|--------------------------|----------|
| Line Item | Job | Part | Supplier Part No | Description | Status | Account | Due Date | Order Quantity | Received Quantity | | Unit Price (CAD) | Extended |
| 1 | | M6061T6R3.500 | | 6061 Round Bar 3.50 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | Firmed | | 10/18/18 | 6 ft | | 6 ft | \$39.55/ft | \$237.30 |
| 2 | | M6061T6R2.250 | | 6061-T6 Round Bar 2.250" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | Firmed | - | 10/18/18 | 12 ft | () Lft | 12 ft | \$16.345/h | |
| 3 | | M304R0.4375 | : | 304 Round Bar 0,4375 MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft | Firmed | | 10/18/18 | 36 ft | 391.75st | 36 ft | \$1.721/A AT 18/10/18 | \$61.96 |



Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

Tel (613) 632-5200

PURCHASE ORDER PO041326

| | | | | Item | S | | | | | | |
|------------------|---------------------|--|---|----------|---------|-------------|-------------------|----------------------|---------|-----------------------------------|----------|
| Line Item Job | | Supplier Part No Do | escription | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended |
| 4 | M304B0.625X3.000 | : MATERI SS BAR (SS PLATI A276 OR | | Firmed | - | 10/18/18 | 12 ft | 0 ft | 12 ft | \$37.96/ff | \$455.52 |
| 5 | M6061T6B1.000X8.000 | : MATERI T6/T651/I ALUMINU QQ-A-225 A-225/8 Q 4117/4128 QQ-A-200 | 16510/T6511/T62 IM BAR PER 5/8 OR AMS-QQ- DR AMS 8/4115/4116 OR 1/8 OR AMS-QQ- DR AMS 4160 I B211 OR | Firmed | | 10/18/18 | 12 ft | OA Jet | 12 ft | \$34.861/ft | \$418.33 |
| 6 | M303R0.750 | : MATERIA | AL: AISI 303 SS AR AS PER 32 //316 NOT | Firmed . | | 10/18/18 | 36 ft | 0 ft 39.93.Ft | 36 ft | \$5.406/ft (8/10/13 | \$194.62 |
| 7 | M6061T6S.063 | ALUMINUI PER QQ-A AMS-QQ-A | AL: 6061-T6/T62 M SHEET AS A-250/11 OR A-250/11 OR OR AMS 4027 | Firmed - | | 10/18/18 | 128 sf | 0 sf | | 3.2971875/sf / <i>B//o/i</i> 8 | \$422.04 |

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/11/18 1:53 PM dart.lavoie.chantal

Grand Total: \$1,985.90



ACIER OUELLETTE INC.

935, Boul. du Hâvre Salaberry de Valleyfield (Québec) J6S 5L1

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0137585

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.

HAWKESBURY, Ontario, K6A 1K7

Shipped to

1270, ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

Att: PATRICK LUSSIER Tél.: (613) 632-5200 X 730

Customer Nº

CLI0001056

Date

2018/10/04

Revision Nº

0

Prices valid until

2018/10/11

Your Order No

Processed by

Denis Quenneville

Salesman

DENIS

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

| | | | . ugc | | | | | | |
|--|--------|--------|-----------|-------|--------|-------|--------|---------|----------|
| Product N° and description | Weight | Qty | U/M | Qty | U/M | Price | Pcs Nb | Price | Amoun |
| ROUND ALU 3 1/2 6061-T6 * RAL-312 8393 1 x 6' in stock | 67.80 | 6.00 | PI_\$CLB | 6.00 | ΡΙ | | 6.00 | 39.550 | 237.30 |
| ROUND ALU 2 1/4 6061-T6 * RAL-214 5145 1 x 12' in stock | 56,04 | 12.00 | PI_\$CLB | 12.00 | PI | | 12.00 | 16.345 | 196.14 |
| ROUND SS 7/16 304 (R) RSS-716 5779 3 x 12' rl in stock | 18.40 | 36.00 | PI_\$CLB | 36.00 | PI | | 36.00 | 1.721 | 61.99 |
| SHEET-SS 18G SS304-2B (4 X 8) FESS-18G483042B 3425 4 Sheets in stock | 268.80 | 128.00 | PI2_\$CLB | 4.00 | UN | | 128.00 | 7.621 | 975.61 |
| SKID (4 X 8) SK-48 10048 for ss sheet protection | 0.00 | 1.00 | UN_\$UN | 1.00 | N_\$UN | 40.00 | | | 40.00 |
| FLAT SS 5/8 X 3 SS304 NS FSS-583 9221 1 x 12' 2/3 day | 76.56 | 12.00 | PI_\$CLB | 12.00 | PI | | 12.00 | 37.960 | 455.53 |
| FLAT-ALU 1 X 12 6061-T6 FAL-112 2450 1 x 32 in stock | 338.69 | 24.00 | PI_\$CLB | 24.00 | PI | | 12.00 | 112.881 | 1 354.58 |
| FLAT ALU 1 X 8 6061-T6 * FAL-18 2558 1 x 12' in stock | 112.78 | 12.00 | PI_\$CLB | 12.00 | PI | | 12.00 | 34.861 | 418.34 |
| SQUARE AUL 1 1/4 6061-T6 * CAL-114 1775 1 x 42 in stock | 22.04 | 12.00 | PI_\$CLB | 12.00 | PI | | 12.00 | 5.804 | 69.65 |
| ROUND SS 3/4 303 (R) RSS-34303 5761 3 x 12' rl in stock | 54.07 | 36.00 | PI_\$CLB | 36.00 | PI | | 36.00 | 5.406 | 194.63 |

Date:

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Hâvre

Salaberry de Valleyfield (Québec) J6S 5L1

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0137585

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

Shipped to

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

Att : PATRICK LUSSIER Tél.: (613) 632-5200 X 730

Customer N°

CLI0001056

Date

2018/10/04

Revision Nº

0

Prices valid until

2018/10/11

Your Order No

Processed by

Denis Quenneville

Salesman

DENIS

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

2

| Product N° and description | Weight | Qty U/M | Qty U/M Price | Pcs Nb Price | Amount |
|---|--------|------------------|-------------------|--------------|--------|
| ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 4 sheet in stock | 115.33 | 128.00 PI2_\$CLB | 4.00 UN | 128.00 3.297 | 422.04 |
| SKID (4 X 8) SK-48 10048 (not needed if ss 18g is ordered) | 0.00 | 1.00 UN_\$UN | 1.00JN_\$UN 40.00 | | 40.00 |
| FUEL CHARGE FRAIS_ENERGETIQUE | | \$ | | | 3.95 |
| SPECIAL IMPORTATION FEES IMPORT NOTE: ATTENTION: MILL TEST REQUIS | | \$ | | | 0.00 |

Total Weight (Lbs)

1 130.51

Important

This offer is based on the availability, the price of material can change without notice in function of the evolution of the current market prices and international importation fees. This offer is subject to credit approval.

Approuved and Accepted by:

Date :_

Sub-total

4 469.76

TVH-13 · · 581.07

Total (\$CAD)

5 050.83



ACIER OUELLETTE INC. 935, Boul. du Hâvre Salaberry de Valleyfield (Québec) 16S 5L.1 Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

CO00115261



DELIVERY - CLIENT

| billed to | Shipped to | Customer N° | CLI0001056 | |
|---|---|--------------------------------|--------------------------------------|-----|
| DART AEROSPACE LTD | | Date | 2018/10/15 | |
| 1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7 | 1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7 | Delivery date Your order N° | 2018/10/18 P0041326 | |
| | Att : LUSSIER Tél.: (613) 632-5200 X 730 | Processed by Salesman | Denis Quenneville | |
| Instruction F-M | Delivery Route 5 | Carrier Credit Terme | OUELLETTE VALLEYFIELD Net 30 Days | |
| Product Description | Weight Qty U | PCS NB | Internal Use | |
| 1 ROUND ALU 3 1/2 6061-T6 * RAL-312 8393 1 x 6' Heat : (F1010208) | 67.80 6.00 PI_\$ | PI_\$CLB EXP B/O | IN I S C |) V |
| 2 ROUND ALU 2-1/4 6061-T6 * RAL-214 5145 I x 12' Heat (68252) | 56.04 12.00 PL_\$ | PI_\$CLB | | 3 |
| 3 ROUND SS 7/16 304 (R) RSS-716 5779 3 x 12' Heat: (CH-6643) | 18.40 36.00 PI_\$ | PI_\$CLB | | |
| 4 FLAT ALU 1 X 8 6061-T6 * FAL-18 2558 1 x 12' Heat (40384) | 112.78 12.00 PI_\$ | CIXI) | | |
| 5 ROUND SS 3/4 303 (R) RSS-34303 5761 3 x Heat (5049) | 54.07 36.00 PI_\$ | PI_\$CLB | | |
| 6 ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 4 sheet in stock Heat . (01/0072091/5) | 115.33 128.00 PI2_\$CLB | | | |
| 7 SKID (4 X 8) SK-48 10048 | 1.00 UN_\$UN | ND\$ | | |

DELIVERY - CLIENT

CO00115261

| Product Description | ç | Moioht | | PCS NB | | | Internal Use Only | ^ |
|---|---|--|---|--|------------------|----|-------------------|-----|
| | 444 | | CMD | EXP | B/0 | NI | I S C | TUO |
| Conditions: | Total Weight (Lbs): 424.42 |): 424.42 | NIR: R | NIR: R-109516-6 | | | | |
| All sold and delivered materials remain the property of "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." is the clayer hereby accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge. | t is made in full, complete and ca arranty is transferred by "Acier O ration charges of 2% per month this choice to claim for the balar ed, cut or modified cannot be ret | nd cashed. All lost materials are at the buyer's expense. The warranty offered iter Oueliette Inc.* to the client. The buyer hereby accepts to respect the onth (24% per annum) on all past due amounts over 30 days. Any default in balance due or the repossession of the goods sold. All claims must be made he returned. All goods returned must be with our authorization and are subjective and are subjectived. | r's expense. The w ereby accepts to re ints over 30 days. is sold. All claims r our authorization | arranty offered sspect the Any default in nust be made and are subject | λ ₄ Ω | | | |
| | | | | | | | | |
| Prepared By : Delivered By : Time | e. | | > | Σ - | | | | |
| | Custo | Customer's Signature | | Date | 7 | | | |

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|---------------------------|------------------------------|---------------------------------|---------------------------------|---|--------------|
| All 10 | CERT CODE: | DIENUMBER | DATE OF SHIPMENT | | MANIFEST NO. |
| | G | S 6874 | Jul/19/2018 | 219324 - 7 | 394670 |
| SHIP TO | C75918 | ALLOY TEMPER 6061 T6511 | TEMPER SALESMAN TEMPER SALESMAN | MADE IN CANADA | VADA |
| SO DESCRIPTION 3 1/2" ROD | CUSTOMER PART NUMBER V815201 | PARTDESCRIPTION 3 1/2" ROD . | | GERTHICATION ASTM B221-114 - AMS QQA 200/8 | 200/8 |

| | tivity | | | Al Other | 0 Remainder 0 |
|--------------|------------------------------------|------------|----------|-------------|---------------|
| | Conductivi | | | St OO | 0 0 |
| | | | | S | 0 |
| | Hardness Rockwell F | 3,90.6 | | 쥡 | 0 |
| | Hardn | 89.8 | | (B) | 0 |
| | | - 1 | | 77 | 0 |
| | Percent Elongation | 17 | | 00(| 0 |
| | | - 1 | | > | 0 |
| | Strengt (KS | 45.3 | | ලි | 0 |
| | Yield Strength (KSI) | - 1 | | FI | 0.02 |
| | Ultimate Tensile Strength (KSI) | 50.10 | | Zn | 0.01 |
| | nate T | | | Z | 0 |
| | Litin | | | Öl | 90.0 |
| | Test Date | ul/19/2018 | | W | 0.9 |
| | Test | Jul/1 | | 쩐 | 0.02 |
| | | | | đ | 0.22 |
| | | | | 盟 | 0.16 |
| | | | | স | 0.62 |
| perties | Alloy | 6061 | osition | Allox | 1909 |
| Pro | | | Som | 형 | A.11 |
| Mechanical P | Fot | A.11 | Chemical | Cast Number | F1010208 |

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

Grant Jardine Plant Manager 1 - CUSTOMER COPY

frat: F1010208

REV. B SCALE SHEET 1 OF 1 01 06 05 09 07 13 DART AEROSPACE LTD
HAWKESBURY, ONITARIO, CANADA
BEAWAING NO.
M6061TGR SHEET I
TITLE
6061-TG ROUND BAR
6061-TG ROUND BAR 3 SQ B REFORMAT DWG, ADD 9211& 9221 SPEC (ZN D8-1).
REF PAR 08-020A. ORAWN GY CHECKED MGG APPR. NAPROVED AND DATE 09.07.13 A NEW ISSUE DESIGN

PURCHASE MATERIAL 606 T6/T651/T6510(T6511/162 ALUMINUM ROUND BAR SPECIFICATION:

0

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS_QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM BZ2A

M6061T6RID.DDD

WHERE "D.DDD" = DIAMETER IN INCHES EG. 5/8" ROUND BAR = M6061T6R0.625

(8)

PART NUMBER:

K

U

0

SPECIFICATION CONTROL DRAWING

| MATERIAL: MLD617 DATE: 18/10/18 | | 500 | | PO / BATCH | NO.: <u>10041.</u> | 326/5/1466 | | | |
|---|-------|-------------------|--------------------------|--|--------------------|------------|--|--|--|
| MATERIAL CERT REC'D: 1/25 | | | TH | IICKNESS ORDEI | RED: 3.500 | • (| | | |
| QUANTITY RECEIVED: 6H | | | TH | ICKNESS RECEI | VED: 3 500 | 11 | | | |
| QUANTITY INSPECTED: 64+ | | | | | | | | | |
| QUANTITY REJECTED: | | - | | SHEET SIZE ORDERED: SHEET SIZE RECEIVED: | | | | | |
| QUANTITY REJECTED. | | | | EET SIZE RECEI | VED: | | | | |
| | 1 1/4 | | | | | | | | |
| DESCRIPTION | (Ch | CR leck (N) | | COMMENT | rs | | | | |
| SURFACE DAMAGE | X | (N) | | | | | | | |
| CORRECT FINISH | (Y) | N | | | | | | | |
| CORROSION | Y | | | | | | | | |
| CORRECT GRAIN DIRECTION | Y | N | | | | | | | |
| CORRECT MATERIAL PER M-DRAWING | W | N | ASTM BALL | | | | | | |
| CORRECT THICKNESS | Y | Ŋ | | | | | | | |
| PHOTO REQUIRED | Υ | W | | | | | | | |
| CORRECT REF # TO LINK CERT | (Y) | N | HT: F1910208 | | | | | | |
| CORRECT MATERIAL IDENTFICATION | (8) | N | | | | | | | |
| CORRECT M# ON THE MATERIAL | Y | N | | | | | | | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Υ | 2 | | | | | | | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Υ | (X) | | | | | | | |
| CUT SAMPLE PIECI | | | | | SS CHECK. | | | | |
| | ŀ | _ | RD RESULTS BELC | DURA | DUR D | LWEDGTED | | | |
| TYPE OF MATERIAL | | | HRC HRB | DUKA | DOKD | WEBSTER | | | |
| SIZE OF TEST SAMPLE | | | | + | | | | | |
| | NIC | <u> </u> | | - | | | | | |
| HARDNESS / DUROMETER READI | | | located in the Quality O | | | | | | |

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|------------------|-----------------------------------|
| INSPECTED BY: | SIGNED OFF BY: |
| DATE: /8/10/18 | DATE: |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

TRA 904

Test de dureté Rockwell **Rockwell Hardness Test**

Client / Customer:

LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address:

4054 BOUL. LE CORBUSIER # 201

LAVAL, QC H7L5R2

r#: 7010442

bon de commande / Purchase order #: OU-47042

de n atrice / Die #:

MS 16001

Description: 2.25" DIA. ROD

Alliage & trempage / Alloy & temper : 6061 T6

6097 mm Longueur / Lenght:

Contrôle / Control #: 83103-1

Coulée / Cast # (

68252

Dureté Rockwell E /

Min. requis /

Max. permis /

Rockwell E hardness: 96 HRE

Min. required: 88 HRE

Max. permitted: 100 HRE

Composition chimique typique / Typical chemical composition:

| | SI | Fe | Cu | Mn | Mg | Cr | Zn | п |
|-------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| 6063 | 0.20 - 0.60 | 0.35 Max | 0,10 Max | 0.10 Max | 0.45 - 0.90 | 0,10 Max | 0,10 Max | 0.10 Max |
| 6005 | 0.60 - 0.90 | 0.35 Max | 0,10 Max | 0.10 Max | 0.40 - 0.60 | 0,10 Max | 0,10 Max | 0.10 Max |
| 6005A | 0.66-0.74 | 0.14 - 0.28 | 0,08 - 0,16 | 0,18 - 0,26 | 0,46 - 0,54 | 0,03 Max | 0.05 Max | 0,05 Max |
| 6061 | 0.40 - 0.80 | 0.70 Max | 0,15 - 0,40 | 0.15 Max | 0,80 - 1,20 | 0,04 - 0,35 | 0,25 Max | 0.15 Max |
| 4351 | 0.7-13 | 0.5 Max | 0.10 Max | 0.40 - 0.80 | 0.40 - 0.80 | - | 0,20 Max | 0,20 Max |

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norrae ASTM B-22]-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM 1)-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,

date: 2017-02-08

Yours truly.

Gilles Pelletier

Technicien de la qualité

Quality technician

F.07.04 rev0 Rapport depropriétés mécaniques.doc

lient: 68252

REV 8 DS 010608 BY DATE SHEET 1 OF 09 07 13 DART AEROSPACE LTD
HAWKESBURY, ONTARIO CANNON
DRAWING NO
M606116R
SHET 3 G REF PARCE 2006
A MEWIST DESCRIPTION
REP TARES TO DESCRIPTION 6061-T6 ROUND BAR DESIGN
DRAWN
OHECKED
MIG APPR
APPROVED
DE APPR
DATE
DATE

ď

09.07.13

PURCHASE MATERIAL/6061-16/1651/16510/16511/162 ALUMINUM ROUND BAR

SPECIFICATION CONTROL DRAWING

(B)

PART NUMBER:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS_QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR NSTM B22)

M6061T6R D DDD DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

SPECIFICATION:

۵

| MATERIAL: <u>Model</u> DATE: <u>18/(0/18</u> | | | 50 | PO / BATCH | NO.: <u>f0041</u> | 326/5/1966 |
|---|-----|------------|------------------------|------------------|-------------------|------------|
| MATERIAL CERT REC'D: 165 | | | | THICKNESS ORDE | RED: 2.25 | Ö " |
| QUANTITY RECEIVED: 1211 | | | | THICKNESS RECEI | VED: 2, 150 | |
| QUANTITY INSPECTED: 1414 | | | | SHEET SIZE ORDE | | |
| QUANTITY REJECTED: | | | | SHEET SIZE RECEI | | |
| | | | | | | |
| DESCRIPTION | | CR neck | | COMMEN | rs | |
| | | N) | | | | |
| SURFACE DAMAGE | | (N) | | | | |
| CORRECT FINISH | 8 | N | | | | |
| CORROSION | Y | | | | | |
| CORRECT GRAIN DIRECTION | Y | N | | | | |
| CORRECT MATERIAL PER M-DRAWING | B | N | ASTM B221 | | | |
| CORRECT THICKNESS | Y | N | | | | |
| PHOTO REQUIRED | Y | D | | | | |
| CORRECT REF # TO LINK CERT | (Y) | N | HT: 68252 | | | |
| CORRECT MATERIAL IDENTFICATION | Y | N | | | | |
| CORRECT M# ON THE MATERIAL | B | N | | | | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Υ | N | | | | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Υ | M | | | | |
| CUT SAMPLE PIECE | | | ERIAL AND PREF | | SS CHECK. | |
| | | | HRC HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | 20.0 | TEBOTEN |
| SIZE OF TEST SAMPLE | | | | | | |
| HARDNESS / DUROMETER READIN | NG | | | | | |
| | | ctore | located in the Quality | Office | | |

INSPECTED BY: SIGNED OFF BY: DATE:

ENGINEERING SIGNOFF (if required)

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

QC 18 INSPECTION

5779



RSS-716

51439

17397

(GOVT, OF INDIA RECOGNISED EXPORT HOUSE)

150 9001 : 2008 CERTIFICATE No. 04:100-015022

ADM. OFFICE: 5th, 51 KH SAGAR; N. S. PATKAR MARG, MUMBAI 400 807,

Tel.: 91-22- 66290600 Fax:: 91-22-66290633/34

Website : www.cha idansteel.net
Email : csl@chand insteel.net

L/c. No.: L/c. Date: WORKS: PLOT NO. 31 TO 36 ,45,46,48, & 49/2,142

(EXF. AREA)GIDC, UMBERERGAON & SURVEY NO. 102/2 & 3, VILLAGE,

DEHARI, TALLIKA: OMBERGAON, DIST: VALSAD, GUJARAT-396171

GSTIN - 24AAACCI71381ZG

F824 QC 09A / 02 / 10.12.2012

MILL TEST /INSPECTION CERTIFICATE 3.1

| | | | | | ACCORDIN | | | | | | |
|--------------------|--------|-------------|------------|-------------|----------------------|---------|--|------------|--|-------------------------------|---------------|
| Consigneé | | | | . – | · | | Test Certificate of Ise P. O. No. SC_No. & Invoice No. | Date | : EXP/01152 - 0 : 03.01,2018 : MN5942 : 17-18/00447, I : EXP/01152/201 | Dt.08.11.201 17-18 Dt.03.0 | 7 01.2018 |
| | | | | CRIPTION | | | | LENGT | | N | et Wt. |
| | | STAINLES | SS STEEL | ROUND B | ARS | | 1 | lered | Actual | | 1890 Lb |
| | | , | | | 6 | | 12' | - 14' | 12' - 14' | | |
| Heat h | No. | 1 | ade ISI | | ize inches | Tole | erance | | Process | | |
| CH-66 | 43 | (36 | DAL. | 7) | 16" | × 1 | h9 | Ē | lectric Melting, Continuo | | ning, |
| | | | | CHI | EMICAL CO | MPOSIT | ION (Weig | ght %) | | | |
| | 0 | Si | Mn | P | S | Cr | Мо | Ni | Cu | Ti | 'N |
| Min. | - | - | - | - | - | 18.00 | 18.00 - 8.00 | | - | • | - |
| Max. | 0,)30 | 1.00 | 2.00 | 0.045 | 0.030 | 20.00 | - | 12.00 | - | • | • |
| Results | 0.)21 | 0.42 | 1.58 | 0.040 | 0.016 | 18.32 | - | 8.03 | - | ٤. | - |
| | - | | | | MECHAN | ICAL PR | OPERTIES | 5 . | | | |
| Specified Value | N/ | Yield Stren | | | Strength MPa (Rm) | | gation % | Reduc | tion of Area | | rdness HB) |
| Min. | | 310 | | 6 | 20 | | 30 | | 40 | | - |
| Max. | | • | | | | | - | | - | | - |
| Results | | 544 | | 7 | 40 | | 35 | | 65 | 22 | 9-232 |

Remarks:

1. Cold drawn & Centreless Ground.

2. Solution annealed at 1050 °C.

- 3. PMI test doi e 100% & found Satisfactory.
- 4. Material is f ee from radio-active contamination.

23 to 25

- 5. Inter-Granu ar Corrosion Test as per ASTM A262 15 (Pr.E) satisfactory.
- 6. The materia conforms to ASTM A276/15/A182-15/A479-15 & ASME SA479-13 Specifications.
- 7. Location of ample Centre, Direction Longitudinal, Test Temp Room Temp., Shape of Test Piece Round.
- 8. Marking de ails Company Logo, Size, Grade & Heat No.
- 9. The materia is manufactured/melt in Chandan Steel Mill and is of Indian Origin.
- 10. No weldin /weld repairs was performed on this material.

BUNDLE NO.

It is hereby cert fied that the above results are true and correct in every

details and are receing the requirements of specification & purchase order.

MANAGER - QUALITY ASSURANCE

heat: CH-6643

ELEASED

SPECIFICATION CONTROL DRAWING

0

PURCHASE MATERIAL: AIS(504)316 SS ROUND BAR (NOTE: AISI 303 NOT ACCEPTABLE)

(ASTM A276)

SPECIFICATION: PART NUMBER

(e)

M304R D DDD

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M304R0 750

| MATERIAL: <u>M304</u> DATE: <u>18/10/18</u> | | 375 | PO/BATCH NO .: 600 41326/5/19662 |
|---|-----------------|-----|--|
| MATERIAL CERT REC'D: 1/25 QUANTITY RECEIVED: 39.75 FOR QUANTITY REJECTED: 1/25 | | | THICKNESS ORDERED: 0. 43 75 11 THICKNESS RECEIVED: 0. 43 75 11 SHEET SIZE ORDERED: — SHEET SIZE RECEIVED: — |
| DESCRIPTION | NC (Ch Y/ | eck | COMMENTS |
| SURFACE DAMAGE | Y_ | W | |
| CORRECT FINISH | V | N | |
| CORROSION | Y | W | |
| CORRECT GRAIN DIRECTION | (Y) | Ν | |
| ORRECT MATERIAL PER M-DRAWING | D | Ν | ASTM ADTG |
| CORRECT THICKNESS | 0 | Ν | |
| PHOTO REQUIRED | Y | (N) | |
| CORRECT REF # TO LINK CERT | A | N | HT: CH-6643 |
| DRRECT MATERIAL IDENTFICATION | | Ν | |
| CORRECT M# ON THE MATERIAL | M | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | 2 | |

| CUT SAMPLE PIECE OF | | | | SS CHECK. | |
|------------------------------|------------|------------|-------|-----------|---------|
| | RECORD RES | OF L2 REFO | N | | |
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|------------------|-----------------------------------|
| INSPECTED BY: | SIGNED OFF BY: |
| DATE: 18/10/18 | DATE: |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DOES THIS REQUIRE AN EXTRUSION REPORT

MILL TEST

| S | BILL TO | STOR CERT CODE: | DIENUMBER | DATE OF SHIPMENT | |
|--|-------------------------------|---------------------------------|------------------------------------|-------------------------|-------------------------------|
| FLAT BAR CUSTOMER PO CTS 84 LESMAN SALESMAN CTS 84 LEAT BAR CTS 84 LEAT BAR SPECIFICATION SPECIFICATIO | | 6 | S 5830 J | lun/06/2018 | 217903 - 4 392179 |
| CUSTOMER PART NUMBER PART DESCRIPTION V832681 1"X8"" FLAT BAR | | C75860 | | ALESMAN PETER BASHMAKOV | E IN CANADA |
| Samuel stnd shapes | SODESCRIPTION 1"X8"" FLAT BAR | CUSTOMER PART NUMBER V832681 | PARTDESCRIPTION 1"X8"" FLAT BAR | | ASTM B221-114 - AMS QQA 200/8 |
| | | | | | Samuel stnd shapes |

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

Other

S A

B

Ħ

Z

Mg Cr 0.862 0.0638

0.561 0.219 0.197 0.0593 岀

A.11 6061

40384)

N

0 0.0111 0.0131 Zu

Conductivity

96.7,97.9,98.3

13.90

Percent Hardness Elongation Rockwell E

Ultimate Tensile Yield Strength
Strength (KSI) (KSI) 43.00 40.40

Jun/01/2018

6061

A.11

Chemical Composition

Cast Number Lot

Allox

rot

Test Date

0 Remainder

Grant Jardine Plant Manager

1 - CUSTOMER COPY

RELEASED ZOOR -05-05.

SHEET LOF 1 09 07 13 D& 01.06.08 DATE DART AEROSPACE LTD HAWKESBURY, ONTARIO CANADA DRAWING NO. M6061T6B B REMOVE 0Q-A-28011 (PHON, REFORMAT NOTES, ADD CP ASTM 8251-8221 (ZN D7-1) - 6061-T6 BAR DRAWN
CHECKED
MFG APPR.
APPROVED
OE APPR.
DATE
09.07.13 A NEW ISSUE DESIGN

PURCHASE MATERIAL (606) T6/T651/T6510(T651) T62 ALUMINUM BAR SPECIFICATION:

SPECIFICATION CONTROL DRAWING

 \Box

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR-AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221

WHERE "T.TTT" = THICKNESS IN INCHES "WW WWW" = WIDTH IN INCHES M6061T6B T.TTT X WW.WWW WIDTH THICK

PART NUMBER:

(9)

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

| MATERIAL: 16061 DATE: 18/10/18 | | 1.000 | X B. 000 | | PO / BATCH | NO.: <u>PODYI</u> | 326/51191 |
|---|-----|-----------|-------------|-------|---------------|-------------------|-----------|
| MATERIAL CERT REC'D: 1/21 | | | | THICH | (NESS ORDER | RED:(, 000 ° | <u> </u> |
| QUANTITY RECEIVED: 1264 | | | _ | | (NESS RECEIN | | |
| QUANTITY INSPECTED: 124 | | | | | T SIZE ORDEF | | |
| QUANTITY REJECTED: | | | | | SIZE RECEIN | | |
| QUANTITY REJECTED | | | | SHEE | I SIZE RECEIV | /EU | |
| DESCRIPTION | | CR eck | | | COMMENT | 'S | |
| 2230 11011 | , | N) | | | 00///// | • | |
| SURFACE DAMAGE | Y | (N) | | | - | | |
| CORRECT FINISH | (Y) | N | | | | · | |
| CORROSION | Y | | | | | | |
| CORRECT GRAIN DIRECTION | (Y) | N | | | | | |
| CORRECT MATERIAL PER M-DRAWING | (Y) | N | ASTM BL | -1 | | | |
| CORRECT THICKNESS | (Y) | N | | | | | |
| PHOTO REQUIRED | Y | N | 1 | | | | |
| CORRECT REF # TO LINK CERT | 8 | N | MT: 40384 | | | | |
| CORRECT MATERIAL IDENTFICATION | (Y) | N | | | | | |
| CORRECT M# ON THE MATERIAL | B | N | | | | | - |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Υ | (Z) | | | | | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Υ | (Z) | | | | | |
| CUT SAMPLE PIECE | | | | | | SS CHECK. | |
| | F | | ORD RESULTS | | | | T |
| TV05 05 MATERIAL | | | HRC H | RB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | | | |
| SIZE OF TEST SAMPLE | | | | | | | |
| HARDNESS / DUROMETER READI | NG | | | | | | |

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|------------------|-----------------------------------|
| INSPECTED BY: | SIGNED OFF BY: |
| DATE: 18/10/18 | DATE: |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



INSPECTION CERTIFICATE

MALBERT LIMES, COMP.

CONTROL BANK CONTROL LIE, CONTROL 20.1-10. GLOC LIE, CONTROL SECULO SECULO CONTROL TE.: SE-COL-SII PR.: SE-C

| 100 | A171180 | 200 | | | | | | | | 5 E 8 | SPECIFICAL BOC No.1 | OFFICE FO. 10609000 OFFICE TOTAL (303) DOC 160.1 | onoer eo.: 106090007146460 Fecification: 303 Doc Ho.: | 8 | | 7 2 2 | TO THE | DITION | LC NO. MOR. BUFFLY CONDITION: CD DATE OF IRBUS: ANITALAN | 9 | |
|-------------|---------------------------------------|-----|--|------------------------------|-----|-----|----------------|---------------------------|--------|--------------------|------------------------|--|---|---|-----|--------|---------------------|--------|--|---|-----------|
| Sea: 76 | # # # # # # # # # # # # # # # # # # # | 3 | 2 | | | | Obenic | Chemical Composition(wtf) | positi | on(vtS | | | | | | Mechan | Mechanical Property | operty | | | DOLLER NO |
| | (agus | 2 | SE S | C Si lib nico xico xico x | d x | 2 0 | S x 1000 | 00x1000 x100 x100 x10 | 200 | No Cu x100 x100 | 28 | ≥ 0000 | - | | 2 2 | | d • | | 2 | 울 | |
| Spec Hin | | | = == | 5 16 | 98 | 2 | 150 | 0001 | 1900 | | | | - | | | | | | 8 | 1 | |
| SICS97 314" | 1 | 33 | 23.5 | 5.6 27 184 5.9 24 193 | 38 | 22 | 228.4 4.625 | | 1765 | == | 22 | 352 | + | | 912 | 28 | RE | \$ \$ | 322 | | L17165008 |

| | Million Million | | Mentactured : Paines , Improved sachining. Street Common | spection centificate is issued eccounting to MF 10200 2.2 | Acc. to Affil and Miles the 1/02-6-700 charietay only. | S Complian. type 1/40-0-7448 charists and. identa is issued according to MF 10204 3.2 |
|---|-----------------|--|--|--|--|--|
| William M. M. Campar | | | | Additional treatment the fellowing coefficient for the fellowing coefficient coefficient for the fellowing coefficient for the | Address contificate is issued according to 20 1000 2.2 Address and treatment theo. to Agra Adda. Address and treatment theo. Address and the Address | Additional Management of the Company |
| | | Serious and tested with astisfactory regults Printed Printed | C. Command C. March C. Command March C. Command C. Comm | Address of Tailwan , Improved sachialang. Address of the Carles State Address of Addres | * Improved machinists. * Impr | Advisoration of the few file following confidenties: Advisoration of the few file following confidenties: LEGGE Care Care Care Care Care Care Care Care |
| thed herein has been thousand the formal that formal that the property of the formal that the | | P. Control of the Con | | mentinetured : Takened analytating. | mention certificate is issued ecoculing to MF 10200 3.2 Mentionized :Paines , Improved machining. Advanced to acte and a series and a | Administra |

hat 55049

7 2010-02-02 MD 2010-02-02

REV. B DART AEROSPACE LTD
HAWKESBURY, ONTARIO CANADA
M303R
M303R
SHEET 10F1
SCALE
303 ROUND BAR
NTS
COPPRIGHT CARGE BY DART ARROSPACE LTD
NTS
COPPRIGHT CARGE BY DART ARROSPACE LTD
NTS
COPPRIGHT CARGE BY DART ARROSPACE LTD
NTS SHEET 1 OF 1 10 01:05 01.12.20 S O B REFORMAT DWG, ADD SPECS (2N D8-1),
REF PAR 06-020A
A NEW ISSUE 10.01.05 DESIGN
DRAWN
CHECKED
MFG APPR
APPROVED
DE APPR
DATE 10 (

PURCHASE MATERIAL: AIS 303 SS ROUND BAR (NOYE: AISI 304/316 NOT ACCEPTABLE)

0

ASTM A582

M303RID.DDD DIA.

PART NUMBER:

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M303R0.750

SPECIFICATION:

(4)

SPECIFICATION CONTROL DRAWING

| MATERIAL: _M3036 DATE: /8/10/19 | 50 | | | PO / BATCH I | NO.: <u>100413</u> | 6/5119664 | | | | | |
|--|-----------|--------|---|-----------------------|--------------------|-----------|---------|--|--|--|--|
| MATERIAL CERT REC'D: 1/61 QUANTITY RECEIVED: 29.834 | | | THICKNESS ORDERED: D.750" THICKNESS RECEIVED: D.750" | | | | | | | | |
| QUANTITY INSPECTED: 39.834 | | | | SHEET SIZE ORDERED: — | | | | | | | |
| QUANTITY REJECTED: Ø | | | | ET SIZE RECEI\ | | | | | | | |
| QOARTITY RESERVES. | - | | | | | | | | | | |
| DESCRIPTION | NC (Ch | eck | | | COMMENT | 'S | | | | | |
| SURFACE DAMAGE | Υ | (N) | | | | | | | | | |
| CORRECT FINISH | V | N | | | | | | | | | |
| CORROSION | Y | N | | - | | | | | | | |
| CORRECT GRAIN DIRECTION | | | | | | | | | | | |
| CORRECT MATERIAL PER M-DRAWING | | | ASIM | AS B) | | | | | | | |
| CORRECT THICKNESS | Y | N | | | | | | | | | |
| PHOTO REQUIRED | | | | | | | | | | | |
| CORRECT REF # TO LINK CERT | (A) | N | 44:5 | J049 | | | | | | | |
| CORRECT MATERIAL IDENTFICATION | V | N | | | | | | | | | |
| CORRECT M# ON THE MATERIAL | B | N | | | | | | | | | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Υ | (3) | | | | | | | | | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Υ | 0 | | | | | | | | | |
| CUT SAMPLE PIEC | | | ORD RES | ULTS BELC | W | | | | | | |
| | | | HRC | HRB | DUR A | DUR D | WEBSTER | | | | |
| TYPE OF MATERIAL | | | | | | | | | | | |
| SIZE OF TEST SAMPLE | | | | | | | | | | | |
| HARDNESS / DUROMETER READ | | | | | | | | | | | |
| | <u>t</u> | esters | s located in | the Quality Of | <u>fice</u> | | | | | | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY:

DATE:

QC 18 INSPECTION

INSPECTED BY:

51115





/ bnahmaprüfzeugnis 3.1 (EN 10204) I ispection certificate - mill certificate Nr.: 85150377

01/4

Rev.: 0

Seite / page:

1 van / of 2

Z siffation much / coresied to ISO 9001, ISO/TS 16640, ENIAS 8100, ISO 14001, NADCAP

Datum / date:

2015 11 10

| . luftraggeber / customer: | Bestell Nr. / order no.: | C 70532 |
|-----------------------------|--|------------|
| | Datum / date: | 2015 05 20 |
| Varenempfänger / consignee: | Auftragsbest. Nr. / order confirm no.: | 693391 |
| | Datum / date: | 2015 05 21 |
| | Lieferschein Nr. / delivery note: | 85150377 |
| | Datum / date: | 2015 11 30 |

rodukt / product

form / form: Sheet

Verkstoff / material: 6061

L'ustand / temper: T6

1)im. / dim.: [inch]: 0,063x48,00x96,00

Bedingungan I lenne

Technische Lieferbedingungen / techn. spec.:

AMS-QQ-A-250/11, 08.1997

ASTM B 209 - 14 AMS 4027N, 07.2008

Cessna CMMP019, Rev. D. 09-07-01 Cessna CMMP025, Rev. V, 2-20-15

Sondervorschrift / special terms:

| AB-Pos. | BNv/Los/Telllos Los/No/Part | Gues Air. caut no | | Santo Passan | Gawleht natto vieight net | Stk. |
|---------|--------------------------------|----------------------|------|-----------------|------------------------------|------|
| 06 | 61011/01/00 | 01/0072091/5 | 6061 | 6933910027 | 2409,612 lbs | 85 |
| 08 | 61011/01/00 | 01/0072091/5 | 6061 | 6933910028 | 2414,021 lbs | 85 |
| 06 | 61011/01/00 | 01/0072091/5 | 6061 | 5933910029 | 2414,021 lbs | 85 |
| 06 | 61011/01/00 | 01/0072091/5 | 6061 | 6933910030 | 2414,021 lbs | 85 |
| 06 | 61011/01/00 | 01/0072091/5 | 6061 | 6933910031 | 2416,226 lbs | 85 |
| 06 | B1011/01/00 | 01/0072091/5 | 6061 | 6933910032 | 2416,226 lbs | 85 |
| 06 | 61011/01/00 | 01/0072091/5 | 6061 | 6933910033 | 1560,847 lbs | 55 |

| Guerki /comno. | moterial | | | | | | | | | | |
|----------------|------------|------|------|------|------|------|------|------|------|----------------|-------|
| 01/0072091/5 | 6061 | sı | Fe | a | Ma | Mg | Ci- | Za | Ti | Others Each | Other |
| | spec min. | 0.40 | - | 0.15 | - | 0.80 | 0.04 | - | - | - | - |
| | spec. max. | 0.80 | 0,70 | 0,40 | 0,15 | 1,20 | 0.35 | 0,25 | 0.15 | 0.05 | 0,15 |
| 1 | ectual | 0.68 | 0,44 | 0.24 | 0.52 | 0,88 | 0.18 | 0,06 | 0,03 | 0.02 | 0.03 |

| BNr/Los | Zustand | Richtung | Tests | | UTS | YS | AZ" | | |
|----------|---------|-----------|-------|-----------|-------|-------|-----|--|---|
| LouNo. | temper | direction | | | [ksl] | (ksl) | [%] | | |
| | | | | spec.min. | 42,0 | 35,0 | 10 | | |
| | | | | spec.max. | - | | | | 1 |
| 31011/01 | T6 | LT | 8 | from | 48,6 | 42.4 | 13 | | |
| 31011/01 | T6 | LT | | to | 49,0 | 42,9 | 15 | | - |

AMAG rolling GmbH, Postfeth 32, A-5282 Ranshofen, Osterreith - www.amag.st AMAG rolling GmbH, P.O. Box 32, A-5282 Renshofen, Attsiria - www.amag.st

heat: 01/0072091/5

19/1/ 94



#bnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate

Nr.: 85150377

01/4

Rev.: 0

Seite / page:

2 von / of 2

Zi "Timen rach / cardied to ISO 3001, ISO/TS 16949, EN/AS 9100, ISO 16901, NADCAP

Oatum / date:

2015 11 10

9 anstige Prüfungen / other tests

B egeversuch: OK. / Transverse bend test: OK. Vaßkontrolle: OK. / Dimensional Check: OK.

Operfläche: OK. / Surface inspection: OK.

E misitangen / notes

D e Dimensionstoleranzen entsprechen ANSI XXX / A i standard, dimensional tolerances are to ANSI XXX

A isgastellt nach Airbus Zulassung Nr. 30272. In ir bestätigen, dass die gesamte Lieferung unter Einhaltung und soweit oben nicht anders dargelegt alter Forderungen

(5 pezifikationen, Zeichnungen, Aufträge) hergesteilt und geprüft wurde.

D is Qualitätsmanagementsystem eifüllt die Anforderungen der AUK/SA/001-3.
Härgestellt, kontrollien und geprüft nach Hawker Beechcraft HBIFSAS/PART3/0771

A justa Westland Genehmigung Lieferantennummer V21275 Is sued under Airbus Approval No. 30272.

C prified that the whole of the supplies detailed hereon have been manufactured, inspected, tested and unless otherwise

stated above conform in all respects to the Specifications, Drawings and Contract.

O der relevant thereto The Quality Managment System arrangements in respect of these supplies comply with the

re guirements of AUK/SA/001-3.

If anufactured, inspected and tested according Hawker Beechcraft HBIFSAS/PART3/0771

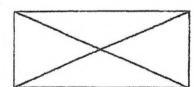
A susta Westland approval supplier code V21275

E i wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht.

We hereby certify that the material described above has been tested and complies with the terms of the order contract.

| A erkeechverständiger / factory apacialist | E-Mail / S-mail |
|--|-----------------------|
| Ki ampler Josef | osef.klampfer@amag.at |

H. Installerland: Össermich / goods erigin: The goods are of Austrian origin.
M. schmell erstellt - Guiltig ohne Unterschillt / Automated - valid without being signed.



SPECIFICATION CONTROL DRAWING

0

0

PURCHASE MATERIAL 6061-T6/T62/T651 ALUMINUM SHEET OR PLATE SPECIFICATION: 0

QQ-A-250/11 OF AMS-QQ-A-250/11) OR AMS 4025 OR 4027 OR ASTM 8209

M6061T6S XXX X W.WWW THK WIDTH

PART NUMBER:

0

C

U

WHERE "XXX" = THICKNESS (IN INCHES) AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M606116S.063 EG. 3.5" WIDE BY 0.500" THICK PLATE = M6061T6S.500X3.500

XXX BY 4FT BY 8FT FOR SHEET PREFERRED SIZE:

0

REV. C SHEET 1 OF 1 ML DRAWING NO.

A. JES MG061T6S

ZD HS TITLE

CD G 6061-T6 SHEET/PLATE SPEC NIT STREET OF THE SPECK OF THE SP 17,12,13 09 07.13 01,06.08 DATE RF MI. CD REFORMAT DWG, ADD 8209 SPEC (ZN D8-1). REF PAR 08-020A DESCRIPTION ADD PLATE AND T851 SPEC 17.12.13 NEW ISSUE MFG. APPR.
APPROVED
DE APPR
DATE
17 DRAWN DESIGN REV. ø APPROVED

60

2018 MAR 13 47 Ex. 18-665

0

| MATERIAL: MG0617 DATE: 18/10/18 | 063 | THICKNESS ORDERED: 0.063" THICKNESS RECEIVED: 0.063" SHEET SIZE ORDERED: 4'x8' SHEET SIZE RECEIVED: 4'x8' | | | | | | |
|--|-----------------|--|----------|------|-------|---------|-----------|---------|
| MATERIAL CERT REC'D: 1285 E QUANTITY RECEIVED: 1285 E QUANTITY INSPECTED: 1285 E QUANTITY REJECTED: 1285 E | | | | | | | | |
| DESCRIPTION | NC (Ch Y/ | eck | | | | COMMENT | rs . | |
| SURFACE DAMAGE | Y | N | | | | | | |
| CORRECT FINISH | (Y) | N | | | | | | |
| CORROSION | Υ | (N) | | | | | | |
| CORRECT GRAIN DIRECTION | | N | | | | | | |
| CORRECT MATERIAL PER M-DRAWING | (8) | N | AMS- | QQ- | 4- 25 | 0/11 | | |
| CORRECT THICKNESS | (Y) | N | | | | | | |
| PHOTO REQUIRED | Υ | N | | | | | | |
| CORRECT REF # TO LINK CERT | 0 | N | HT:01 | 1007 | 2091/ | 5 | | |
| CORRECT MATERIAL IDENTFICATION | (8) | N | | | | | | |
| CORRECT M# ON THE MATERIAL | (8) | N | | | | | | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Υ | N | | | | | | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Υ | B | | | | | | |
| | | | | | | | | |
| CUT SAMPLE PIECE | | | TERIAL A | | | | SS CHECK. | |
| | | | HRC | Н | RB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL SIZE OF TEST SAMPLE | | | | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|------------------|-----------------------------------|
| INSPECTED BY: | SIGNED OFF BY: |
| DATE: /8/10/18 | DATE: |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

HARDNESS / DUROMETER READING